

# *DT-31 Digital Thermometer*

High class digital thermocouple thermometer with type k sensor probe



# Precise digital measuring device DT-31

High class precise thermocouple thermometer which can be used in many different industries like Pharmacy, Laboratory, Transport and Gastronomy. The device is powered from battery. Comes with different types of probes which can be picked by the customer. All types of probes are shown on next page.

## Technical data

Temperature range	-200°C to 1400 °C (dependind on external probe)
Sensor Type	Type K
Resolution	from -200° C to +1000° C: 0.1 ° C (1° C in higher)
Accuracy	with ST-01K probe: -/+0.6°C or better in range from 0°C to 200°C
Sample rating interval	2 measurements per second
Dimensions	45 mm × 100 mm × 19 mm
Protection	IP65-electronics
Power	1x lithium battery 3.6V (1 / 2AA) included
Case material	ABS
Sensor's Cover material	acid-resistant steel SS 321

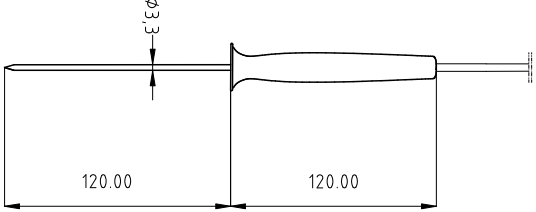
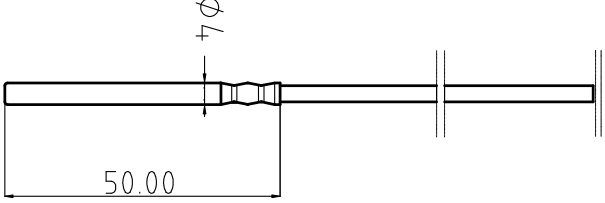
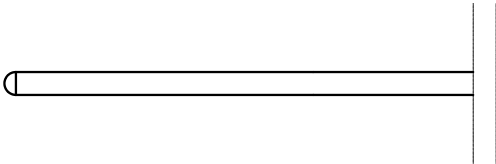
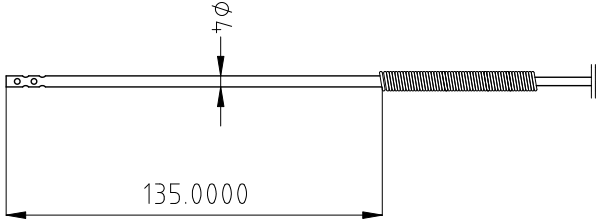
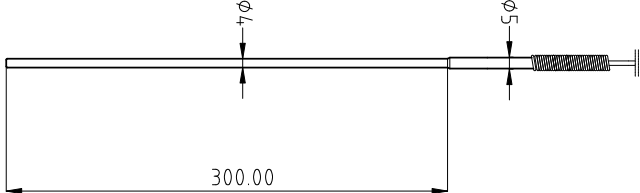


## DT-31 Features:

- Minimum and Maximum temperature
- Hold function
- Light weight (85g)
- Battery life approximately 2000 hours
- Compact shape and ergonomic design
- Simple to set up and use

# Temperature probes for DT-31 thermometer

List of probes in standard configuration. We offer more probes with different shape, diameters and ranges. If u want to check the probes offer visit [our site](#)

	Probe model	Technical data
	ST-01K	<i>Thermocouple temperature probe type k</i> Diameter: $\varnothing 3.3\text{mm}$ , Lead length: 1m (standard), Class A, Temperature range from $-50^{\circ}\text{C}$ to $250^{\circ}\text{C}$ .
	ST-16	<i>Thermocouple temperature probe type k</i> Diameter: $\varnothing 4\text{mm}$ or $\varnothing 3.3\text{mm}$ , Lead length: 1m (standard), Class A, Temperature range from $-100^{\circ}\text{C}$ to $205^{\circ}\text{C}$ .
	ST-17	<i>Thermocouple temperature probe type k</i> Lead length: 1m (standard), Class A, Temperature range from $-75^{\circ}\text{C}$ to $260^{\circ}\text{C}$ .
	ST-20	<i>Thermocouple temperature probe type k</i> Diameter: $\varnothing 4\text{mm}$ , Lead length: 1m (standard), Class A, Temperature range from $-100^{\circ}\text{C}$ to $200^{\circ}\text{C}$ .
	ST-K	<i>Thermocouple temperature probe type k</i> Diameter: $\varnothing 4\text{mm}$ , Lead length: 1m (standard), Class A, Temperature range from $-200^{\circ}\text{C}$ to $800^{\circ}\text{C}$ .

We are able to make probes with different lead length, probe length, probe diameter and sensors like PT100/PT500 depending on your needs.